



AUSTRALIAN BUREAU OF STATISTICS
New South Wales Office



Catalogue 6201.1

THE LABOUR FORCE, NEW SOUTH WALES
MAY 1983

INQUIRIES If you want to know more about these statistics, ring Mr. M. Glass on Sydney (02)268-4347, call at the Australian Bureau of Statistics, St. Andrew's House, Sydney Square (George Street, next to Sydney Town Hall), Sydney, or write to the Deputy Commonwealth Statistician, Box 796 GPO, Sydney, N.S.W. 2001.

MAIN FEATURES

- In May 1983 there were an estimated 2,442,600 persons in the civilian labour force in New South Wales, of whom 2,176,200 were employed and 266,400 were unemployed.
 - The labour force participation rate was 60.4 per cent and the unemployment rate was 10.9 per cent.
 - Since May 1982, the estimated number of persons in the civilian labour force has increased by 50,200 and the labour force participation rate by 0.2 percentage points, while unemployed persons have increased by 117,500 and the unemployment rate by 4.7 percentage points.

CONTENTS

EXPLANATORY NOTES

1. This bulletin contains estimates relating to the civilian labour force and to those not in the labour force. The estimates have been derived from the results of the population survey, which is conducted on a sample basis throughout Australia. From February 1978, the survey has been conducted each month. Previously, the survey was conducted in February, May, August, and November of each year.

2. Statistics similar to those contained in Tables 1, 2 and 4 of this bulletin are published each month as they become available, in the publication Monthly Summary of Statistics (1305.1) which is available free on request to this Office. Other data contained in this bulletin are also available each month (except for the occupation and industry details for employed persons, which are available only on a quarterly basis). In addition, other unpublished data may also be available. These data, if required each month as they become available, may be obtained from this Office.

3. The population survey. The survey is based on a multi-stage area sample of private dwellings (houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about one-half of one per cent of the population of New South Wales. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the survey week). Before February 1978, the interviews were spread over four weeks, chosen so that the survey weeks generally fell within the limits of the calendar month.

4. Scope. The Survey includes all persons aged 15 and over, except :

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (c) overseas residents in Australia; and
- (d) members of non-Australian defence forces (and their dependants),

stationed in Australia.

5. Comparability of series. When comparing estimates for February 1978 and subsequent months with those for earlier periods, it should be noted that with the introduction of monthly surveys the interviews are now conducted during a two-week period, whereas formerly the period was four weeks (see note 3). This change of timing may affect the level of the figures for any month, but particularly for months during which the employment status of the population may be changing rapidly.

6. Survey sample. The population survey sample is reselected after each quinquennial Census of Population and Housing. The reselected sample of dwellings, based on 1981 Census results was introduced in the October 1982 survey. Because of the introduction of the new sample of dwellings, there was not the usual high proportion of dwellings common to each of two consecutive surveys and the standard errors of movements between September and October 1982 and any quarterly movements which include this period are therefore higher than normal. The standard errors which apply are given in a Technical Note at the end of this publication. Information on sample design and selection is given in the Technical Note in The Labour Force, Australia, 1978 (6204.0).

7. Reliability of the estimates. Since the estimates in this bulletin are based on information obtained from occupants of a sample of dwellings, they may differ from figures that would have been obtained if the information had been collected from occupants of all dwellings (using the same questionnaire and interviewing procedures). One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included in the Survey. A Technical Note, showing the likely standard errors relating to sample estimates, is shown at the end of this publication.

8. Classifications of the labour force

- (a) The Labour Force Classification used in the survey conforms closely to the International standard definitions

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A person who held more than one job is counted only once - in ~~the~~¹⁹⁶⁸ job in which he worked most hours during the survey week.

(c) Unemployed persons comprise all civilians aged 15 and over who were not employed during the survey week, and :

- i. had actively looked for full-time or part-time work at any time in the four weeks up to the end of the survey week, and :
- were available for work in the survey week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the survey week); or
- were waiting to start a new job within four weeks from the end of the survey week, and would have started in the survey week if the job had been available then; or
- ii. were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the survey week (including the whole of the survey week) for reasons other than bad weather or plant breakdown.

(d) Actively looking for work includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service notice boards; being registered with the Commonwealth Employment Service; checking or registering with any other employment agency; advertising or tendering for work; and contacting friends or relatives.

Note. The figures shown in this bulletin for the number of persons unemployed should not be confused with those formerly issued by the Commonwealth Department of Employment and Youth Affairs; the latter figures represent the number of persons registered as unemployed with the Commonwealth Employment Service.

(e) Persons not in the labour force are those who, during the survey week, were not in the categories 'employed' or 'unemployed', as defined. They include persons who were keeping house (unpaid), attending an educational institution (school, university, etc.), retired, voluntarily inactive, permanently unable to

specified by the International Labour Organisation (I.L.O.). The labour force comprises all persons in scope who, during the survey week, were employed or unemployed as defined in paragraphs 8(b) and 8(c) below. The survey week comprises the seven days preceding the interview week (see note 3 above). The activities of persons in this period of reference are used in determining the classification of those who are employed. In addition to this week, the 3 weeks preceding it are also considered in identifying the unemployed. More detailed definitions of these two groups follow.

(b) Employed persons

- i. These comprise all civilians aged 15 years and over who, during the survey week :
 - worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers and self-employed persons); or
 - worked for 15 hours or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
 - were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the survey week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the survey week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salaries while undertaking full-time study; or
 - were employers or self-employed persons who had a job, business or farm, but were not at work.

- ii. These employed persons can be classified into :
 - full-time workers (i.e. those who usually work 35 hours or more a week and others who, although usually part-time workers, worked 35 hours or more during the survey week); and
 - part-time workers (i.e. those who usually work less than 35 hours a week, and who did so during the survey week).

work, inmates of institutions (hospitals, gaols, sanatoria, etc.), trainee teachers, members of contemplative religious orders, and persons whose only activity during the survey week was jury service or unpaid voluntary work for a charitable organisation.

(f) Duration of unemployment is the period from the time the person began looking for work or was laid off to the end of the survey week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration. Average (mean) duration is the duration obtained by dividing the aggregate number of weeks a group has been unemployed by the number of persons in that group.

(g) Unemployed persons classified by industry and occupation. Unemployed persons who had worked full-time for two weeks or more in the last two years are classified according to the industry and occupation of their most recent full-time job.

(h) Marital status. In the labour force, persons are classified as married or not married. The former category includes persons who are separated, while the latter category includes persons who, at the time of the survey, had never married, or were widowed, or divorced.

9. Industry classification. The classification of industries is in accordance with the Australian Standard Industrial Classification (ASIC) described in the Bureau publication Australian Standard Industrial Classification, Vol. 1 - The Classification (1201.0). From September 1979, classification is according to the 1978 Edition of ASIC while for earlier periods classification was according to the 1969 (Preliminary) Edition.

10. Occupation classification. The classification of occupations is in accordance with the Classification and

Classified List of Occupations (Revised, June 1976).

11. Related publications

(a) Users may also wish to refer to the following publications, which are available free on request :

The Labour Force, Australia (Preliminary) (6202.0)

The Labour Force, Australia (6203.0)

Information Paper : Questionnaires used in the Labour Force Survey (6232.0)

(b) In addition to the regular demographic and labour force characteristics which are contained in the above publications, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. The results of these surveys are published separately. A list of such publications is contained in the back of the monthly publication The Labour Force, Australia (6203.0). Copies of publications containing supplementary and special survey information are available free on request.

(c) All publications produced by the ABS are listed in the Catalogue of Publications (1101.0) which is available free of charge from any ABS Office.

12. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made as shown in the Inquiries section of this publication.

Symbols and other usages.

* Subject to sampling variability too high for most practical purposes.

n.a. Not available.

r Figure or series revised since previous issue.

Figures have been rounded and discrepancies may occur between sums of the component items and the totals shown.

T. J. SKINNER

Deputy Commonwealth Statistician

August 1983

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UNEMPLOYMENT RATES, N.S.W.

(THE UNEMPLOYED IN EACH GROUP AS A PERCENTAGE OF
THE CIVILIAN LABOUR FORCE IN THE SAME GROUP)

KEY:

- MALES
- FEMALES
- PERSONS

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TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER, N.S.W.

Month	Employed ('000)	Unemployed		Total labour force		Not in labour force ('000)	Civili- an popula- tion aged 15 and over ('000)
		Number ('000)	Unemploy- ment rate (a) (per cent)	Number ('000)	Particip- ation rate (b) (per cent)		
MALES							
1979: May	1,365.4	77.9	5.4	1,443.3	77.6	415.7	1,859.0
1980: May	1,411.1	73.3	4.9	1,484.4	78.8	398.6	1,883.1
1981: May	1,429.0	59.6	4.0	1,488.6	77.6	428.8	1,917.3
1982: April	1,429.1	79.4	5.3	1,508.5	77.1	448.7	1,957.2
May	1,430.9	84.4	5.6	1,515.3	77.4	442.7	1,957.9
June	1,426.0	84.6	5.6	1,510.6	77.1	449.4	1,960.0
July	1,418.8	91.9	6.1	1,510.7	77.0	452.5	1,963.2
August	1,410.7	93.5	6.2	1,504.2	76.5	462.1	1,966.3
September	1,423.8	107.8	7.0	1,531.6	77.8	437.6	1,969.2
October	1,408.1	118.7	7.8	1,526.7	77.4	445.8	1,972.6
November	1,395.2	125.5	8.3	1,520.7	77.0	455.0	1,975.8
December	1,385.5	153.5	10.0	1,539.0	77.8	439.9	1,979.0
1983: January	1,364.8	159.4	10.5	1,524.3	76.9	457.9	1,982.2
February	1,377.7	163.6	10.6	1,541.3	77.6	444.1	1,985.4
March	1,372.7	167.4	10.9	1,540.1	77.4	448.5	1,988.6
April	1,368.0	162.4	10.6	1,530.4	76.9	461.0	1,991.4
May	1,368.2	162.6	10.6	1,530.8	76.8	463.6	1,994.4
MARRIED FEMALES							
1979: May	465.3	23.3	4.8	488.6	39.8	739.3	1,227.9
1980: May	488.8	23.7	4.6	512.5	42.3	700.3	1,212.9
1981: May	481.9	27.1	5.3	509.0	41.0	732.4	1,241.4
1982: April	485.1	24.9	4.9	510.0	41.2	726.6	1,236.6
May	485.8	26.4	5.2	512.2	41.3	728.5	1,240.8
June	487.2	26.7	5.2	513.8	41.5	723.5	1,237.3
July	493.3	25.6	4.9	518.9	41.7	724.9	1,243.8
August	492.0	24.8	4.8	516.8	41.3	734.7	1,251.5
September	493.2	28.8	5.5	521.9	41.7	730.3	1,252.3
October	510.0	34.4	6.3	544.4	43.0	720.7	1,265.0
November	503.6	35.4	6.6	539.0	42.8	721.1	1,260.1
December	498.1	35.8	6.7	534.0	42.1	735.6	1,269.5
1983: January	470.8	28.9	5.8	499.7	39.6	763.2	1,262.9
February	493.0	47.0	8.7	539.9	42.5	730.7	1,270.6
March	503.5	48.7	8.8	552.1	43.3	721.8	1,273.9
April	487.5	41.5	7.8	529.0	41.8	738.0	1,267.0
May	492.0	44.1	8.2	536.1	42.2	734.7	1,270.8

For footnotes, see page 7.

TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,
N.S.W. (continued)

Month	Employed ('000)	Unemployed		Total labour force		Not in labour force ('000)	Civili- an popula- tion aged 15 and over ('000)
		Number ('000)	Unemploy- ment rate (a) (per cent)	Number ('000)	Particip- ation rate (b) (per cent)		
ALL FEMALES							
1979: May	735.6	62.1	7.8	797.7	41.5	1,123.3	1,921.1
1980: May	798.6	61.8	7.2	860.4	44.2	1,088.2	1,948.5
1981: May	800.3	56.4	6.6	856.7	43.3	1,122.1	1,978.7
1982: April	811.5	65.6	7.5	877.2	43.6	1,136.8	2,014.0
May	812.7	64.5	7.4	877.2	43.5	1,138.1	2,015.2
June	805.9	67.7	7.8	873.6	43.3	1,143.7	2,017.3
July	806.7	63.8	7.3	870.5	43.1	1,150.0	2,020.5
August	803.7	60.4	7.0	864.0	42.7	1,159.5	2,023.6
September	805.3	68.5	7.8	873.8	43.1	1,152.9	2,026.7
October	802.4	78.5	8.9	880.9	43.4	1,149.1	2,029.9
November	806.9	84.0	9.4	890.9	43.8	1,142.2	2,033.0
December	803.6	96.1	10.7	899.7	44.2	1,136.4	2,036.1
1983: January	776.6	91.9	10.6	868.5	42.6	1,170.8	2,039.3
February	800.1	114.8	12.5	914.8	44.8	1,127.5	2,042.4
March	812.3	112.1	12.1	924.5	45.2	1,121.0	2,045.4
April	802.6	96.7	10.8	899.3	43.9	1,149.0	2,048.3
May	808.0	103.8	11.4	911.8	44.4	1,139.5	2,051.4
PERSONS							
1979: May	2,101.0	140.1	6.2	2,241.1	59.3	1,539.0	3,780.1
1980: May	2,209.7	135.1	5.8	2,344.8	61.2	1,486.8	3,831.6
1981: May	2,229.2	116.0	4.9	2,345.2	60.2	1,550.9	3,896.1
1982: April	2,240.7	145.0	6.1	2,385.6	60.1	1,585.6	3,971.2
May	2,243.5	148.9	6.2	2,392.4	60.2	1,580.7	3,973.2
June	2,231.9	152.3	6.4	2,384.2	59.9	1,593.1	3,977.3
July	2,225.6	155.6	6.5	2,381.2	59.8	1,602.4	3,983.6
August	2,214.4	153.9	6.5	2,368.2	59.4	1,621.7	3,989.9
September	2,229.2	176.3	7.3	2,405.4	60.2	1,590.5	3,996.0
October	2,210.5	197.1	8.2	2,407.6	60.2	1,594.9	4,002.5
November	2,202.1	209.5	8.7	2,411.6	60.2	1,597.2	4,008.8
December	2,189.1	249.7	10.2	2,438.7	60.7	1,576.4	4,015.1
1983: January	2,141.4	251.4	10.5	2,392.8	59.5	1,628.7	4,021.5
February	2,177.8	278.4	11.3	2,456.1	61.0	1,571.6	4,027.8
March	2,185.0	279.5	11.3	2,464.5	61.1	1,569.5	4,034.1
April	2,170.6	259.1	10.7	2,429.7	60.1	1,610.0	4,039.7
May	2,176.2	266.4	10.9	2,442.6	60.4	1,603.1	4,045.7

(a) The number of unemployed in each group as a percentage of the total labour force in the same group. (b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group.

TABLE 2. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,
SYDNEY STATISTICAL DIVISION

Month	Employed ('000)	Unemployed		Total labour force		Not in labour force ('000)	Civili- an popula- tion aged 15 and over ('000)
		Number ('000)	Unemploy- ment rate (a) (per cent)	Number ('000)	Particip- ation rate (b) (per cent)		
MALES							
1979: May	871.5	46.1	5.0	917.6	78.1	257.9	1,175.5
1980: May	892.4	43.4	4.6	935.9	78.9	249.8	1,185.6
1981: May	903.3	36.2	3.9	939.6	77.9	266.3	1,205.9
1982: April	900.7	46.8	4.9	947.5	77.1	281.6	1,229.2
May	903.1	52.6	5.5	955.7	77.7	274.0	1,229.7
1983: February	880.4	98.3	10.0	978.7	78.5	268.2	1,246.9
March	876.2	100.6	10.3	976.8	78.2	272.1	1,248.9
April	866.9	101.0	10.4	968.0	77.4	282.7	1,250.6
May	865.6	99.9	10.3	965.4	77.1	287.1	1,252.5
MARRIED FEMALES							
1979: May	321.8	13.3	4.0	335.1	42.8	447.7	782.8
1980: May	333.6	13.4	3.9	347.0	45.5	415.1	762.1
1981: May	317.8	15.4	4.6	333.3	42.9	444.0	777.3
1982: April	320.3	17.7	5.2	338.0	43.8	433.6	771.5
May	325.4	15.9	4.6	341.2	44.2	431.0	772.2
1983: February	331.6	30.9	8.5	362.5	45.5	433.8	796.3
March	330.9	32.3	8.9	363.3	45.6	433.5	796.8
April	319.9	27.5	7.9	347.3	43.9	443.0	790.4
May	327.8	28.8	8.1	356.6	44.9	436.8	793.3
ALL FEMALES							
1979: May	521.9	34.0	6.1	555.9	44.5	692.3	1,248.2
1980: May	555.3	32.9	5.6	588.2	46.7	672.0	1,260.3
1981: May	545.8	32.5	5.6	578.3	45.2	699.7	1,278.0
1982: April	555.5	40.8	6.8	596.4	45.9	702.5	1,298.9
May	561.3	36.9	6.2	598.2	46.0	701.5	1,299.7
1983: February	553.5	71.4	11.4	624.9	47.4	692.2	1,317.0
March	552.4	72.7	11.6	625.2	47.4	693.8	1,319.0
April	551.5	61.1	10.0	612.5	46.4	708.3	1,320.9
May	561.7	63.0	10.1	624.7	47.2	698.1	1,322.8
PERSONS							
1979: May	1,393.4	80.0	5.4	1,473.5	60.8	950.2	2,423.7
1980: May	1,447.8	76.3	5.0	1,524.1	62.3	921.8	2,445.9
1981: May	1,449.1	68.7	4.5	1,517.9	61.1	966.0	2,483.9
1982: April	1,456.3	87.6	5.7	1,543.9	61.1	984.2	2,528.1
May	1,464.4	89.5	5.8	1,553.9	61.4	975.5	2,529.5
1983: February	1,433.8	169.7	10.6	1,603.6	62.5	960.4	2,563.9
March	1,428.6	173.3	10.8	1,601.9	62.4	966.0	2,567.9
April	1,418.4	162.1	10.3	1,580.5	61.5	991.0	2,571.5
May	1,427.3	162.9	10.2	1,590.1	61.7	985.2	2,575.3

For footnotes, see page 7.

TABLE 3. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,
N.S.W. : AREAS OUTSIDE SYDNEY STATISTICAL DIVISION

Month	Employed ('000)	Unemployed		Total labour force		Not in labour force ('000)	Civili- an popula- tion aged 15 and over ('000)
		Number ('000)	Unemploy- ment rate (a) (per cent)	Number ('000)	Particip- ation rate (b) (per cent)		
		MALES					
1979: May	493.9	31.8	6.1	525.8	76.9	157.8	683.5
1980: May	518.7	29.9	5.4	548.6	78.7	148.9	697.4
1981: May	525.6	23.4	4.3	549.0	77.2	162.5	711.5
1982: April	528.4	32.6	5.8	560.9	77.0	167.1	728.1
May	527.7	31.8	5.7	559.6	76.8	168.6	728.2
1983: February	497.3	65.3	11.6	562.6	76.2	175.9	738.5
March	496.5	66.8	11.9	563.3	76.1	176.4	739.7
April	501.0	61.4	10.9	562.4	75.9	178.3	740.7
May	502.6	62.7	11.1	565.4	76.2	176.5	741.8
MARRIED FEMALES							
1979: May	143.5	10.0	6.5	153.5	34.5	291.6	445.1
1980: May	155.2	10.3	6.2	165.5	36.7	285.2	450.8
1981: May	164.1	11.6	6.6	175.7	37.9	288.3	464.1
1982: April	164.8	7.2	4.2	172.0	37.0	293.0	465.0
May	160.5	10.6	6.2	171.0	36.5	297.5	468.6
1983: February	161.3	16.1	9.1	177.4	37.4	296.9	474.3
March	172.5	16.4	8.7	188.9	39.6	288.3	477.1
April	167.7	14.1	7.7	181.7	38.1	294.9	476.7
May	164.3	15.3	8.5	179.6	37.6	297.9	477.5
ALL FEMALES							
1979: May	213.7	28.2	11.7	241.9	35.9	431.0	672.9
1980: May	243.2	28.9	10.6	272.2	39.5	416.1	688.3
1981: May	254.5	23.9	8.6	278.4	39.7	422.4	700.7
1982: April	256.0	24.8	8.8	280.8	39.3	434.3	715.1
May	251.4	27.6	9.9	279.0	39.0	436.6	715.5
1983: February	246.6	43.4	15.0	290.0	40.0	435.4	725.3
March	259.9	39.4	13.2	299.3	41.2	427.1	726.4
April	251.1	35.6	12.4	286.8	39.2	440.6	727.5
May	246.3	40.8	14.2	287.2	39.4	441.4	728.6
PERSONS							
1979: May	707.6	60.0	7.8	767.6	56.6	588.8	1,356.4
1980: May	761.9	58.8	7.2	820.7	59.2	565.0	1,385.7
1981: May	780.1	47.3	5.7	827.4	58.6	584.8	1,412.2
1982: April	784.4	57.4	6.8	841.7	58.3	601.4	1,443.1
May	779.1	59.4	7.1	838.5	58.1	605.2	1,443.7
1983: February	743.9	108.7	12.7	852.6	58.2	611.2	1,463.8
March	756.4	106.2	12.3	862.6	58.8	603.6	1,466.1
April	752.2	97.0	11.4	849.2	57.8	619.0	1,468.2
May	748.9	103.6	12.2	852.5	58.0	617.9	1,470.4

For footnotes, see page 7.

TABLE 4. EMPLOYED PERSONS (a) CLASSIFIED BY AGE GROUP, N.S.W.
('000)

Month	Age group (years)							Total	
	15-19	20-24	25-34	35-44	45-54	55-59	60-64		
MALES									
1979: May	116.5	169.5	365.7	289.0	247.3	100.4	52.5	24.4	1,365.4
1980: May	126.8	180.8	367.4	296.7	254.4	107.8	54.0	23.2	1,411.1
1981: May	133.8	183.0	373.1	311.5	247.7	106.1	51.5	22.3	1,429.0
1982: Apr.	125.1	183.6	373.5	321.3	248.2	105.8	50.2	21.5	1,429.1
May	123.3	184.0	374.6	320.4	249.5	108.0	50.5	20.5	1,430.9
1983: Feb.	105.8	173.7	358.3	323.4	239.8	104.0	53.5	19.3	1,377.7
Mar.	106.7	169.6	360.3	321.8	238.3	102.3	52.5	21.1	1,372.7
Apr.	102.6	171.2	358.8	321.7	239.8	102.8	50.3	20.7	1,368.0
May	105.3	170.0	362.7	320.2	240.4	102.3	47.1	20.1	1,368.2
MARRIED FEMALES									
1979: May	*	52.3	142.7	139.2	93.3	22.5	9.3	*	465.3
1980: May	*	51.9	145.8	148.3	96.7	28.3	10.6	*	488.8
1981: May	*	46.8	144.2	148.0	99.0	29.3	8.7	*	481.9
1982: Apr.	*	50.0	144.9	149.8	98.5	27.1	7.9	*	485.1
May	*	49.0	145.5	149.7	98.7	27.8	8.2	4.9	485.8
1983: Feb.	*	42.5	152.4	154.9	102.5	26.0	9.6	*	493.0
Mar.	*	42.5	153.4	162.1	102.0	27.4	10.0	*	503.5
Apr.	*	41.5	147.3	157.3	101.3	25.4	9.9	*	487.5
May	*	43.8	146.7	158.5	100.9	25.2	11.5	*	492.0
ALL FEMALES									
1979: May	94.4	127.1	187.7	158.5	114.9	33.5	15.3	*	735.6
1980: May	100.1	135.3	201.5	175.3	121.5	40.6	16.6	7.8	798.6
1981: May	106.9	134.4	199.4	173.2	124.4	41.6	13.9	6.4	800.3
1982: Apr.	96.5	143.2	203.9	181.2	126.6	39.2	13.9	7.1	811.5
May	94.1	142.2	206.1	181.6	126.6	40.4	13.0	8.5	812.7
1983: Feb.	86.3	135.6	210.8	184.1	123.3	37.1	15.9	6.9	800.1
Mar.	86.9	135.9	211.7	191.4	123.9	39.7	15.1	7.7	812.3
Apr.	89.1	139.8	207.6	184.1	122.7	37.4	15.3	6.6	802.6
May	92.6	141.4	205.4	185.1	124.4	36.4	16.7	6.0	808.0
PERSONS									
1979: May	210.9	296.6	553.4	447.5	362.2	133.9	67.8	28.7	2,101.0
1980: May	226.8	316.1	568.9	472.0	375.9	148.4	70.6	31.0	2,209.7
1981: May	240.7	317.4	572.5	484.8	372.1	147.7	65.4	28.7	2,229.2
1982: Apr.	221.6	326.7	577.5	502.4	374.8	145.0	64.1	28.5	2,240.7
May	217.5	326.2	580.8	502.0	376.1	148.4	63.5	29.0	2,243.5
1983: Feb.	192.1	309.3	569.1	507.5	363.1	141.1	69.5	26.2	2,177.8
Mar.	193.5	305.5	572.0	513.2	362.2	142.0	67.7	28.9	2,185.0
Apr.	191.8	311.0	566.4	505.8	362.5	140.2	65.6	27.3	2,170.6
May	198.0	311.5	568.0	505.3	364.8	138.7	63.8	26.1	2,176.2

(a) Aged 15 and over.

TABLE 5. EMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY, N.S.W.
('000)

Month	Agri-culture and services to agri-culture	Manu-fac-tur-ing	Con-struct-ion	Whole-sale and retail trade	Trans-port and storage	Finance, etc.	Community services (b)	Other Indust-ries (c)	Total
MALES									
1979: May	83.9	347.9	135.5	244.1	101.7	102.4	114.6	235.4	1,365.4
1980: May (d)	91.8	352.0	147.2	263.4	108.5	106.7	115.9	225.6	1,411.1
1981: May	87.0	368.2	(e)147.2	252.3	106.8	112.4	123.9	(e)231.2	1,429.0
1982: Feb.	78.7	350.1	152.6	260.8	112.1	123.6	118.1	242.6	1,438.7
May	82.3	351.4	147.3	255.6	109.2	116.6	112.6	255.8	1,430.9
Aug.	80.4	338.1	156.4	242.4	111.6	117.4	124.2	240.1	1,410.7
Nov.	89.7	321.8	131.1	261.4	100.7	116.8	121.4	252.3	1,395.2
1983: Feb.	83.5	317.8	128.2	252.5	114.1	116.1	119.3	246.2	1,377.7
May	89.8	305.3	120.8	255.2	106.4	118.2	121.7	250.7	1,368.2
FEMALES									
1979: May	18.4	121.1	10.3	186.5	21.1	86.9	181.0	110.3	735.6
1980: May (d)	23.4	117.1	14.5	202.3	18.5	97.5	203.3	121.9	798.6
1981: May	30.8	118.2	(e)16.3	194.2	22.2	94.5	197.3	(e)126.8	800.3
1982: Feb.	26.5	119.3	13.7	191.6	21.5	105.5	202.7	123.4	804.0
May	28.7	120.9	13.9	191.3	22.4	105.3	204.0	126.2	812.7
Aug.	27.5	111.9	13.8	190.3	22.1	108.7	202.3	127.1	803.7
Nov.	33.5	101.2	14.4	198.9	23.3	105.2	211.0	119.4	806.9
1983: Feb.	26.2	98.3	14.2	201.2	22.5	105.8	206.2	125.8	800.1
May	26.7	107.1	16.5	195.3	21.3	107.3	207.8	126.0	808.0
PERSONS									
1979: May	102.2	469.0	145.8	430.6	122.8	189.3	295.6	345.7	2,101.0
1980: May (d)	115.3	469.1	161.7	465.7	126.9	204.2	319.2	347.6	2,209.7
1981: May	117.8	486.4	(e)163.5	446.5	129.0	206.8	321.2	(e)358.0	2,229.2
1982: Feb.	105.2	469.3	166.3	452.4	133.6	229.1	320.8	366.0	2,242.7
May	111.0	472.3	161.2	447.0	131.6	221.9	316.6	382.0	2,243.5
Aug.	107.9	450.0	170.2	432.7	133.7	226.2	326.4	367.2	2,214.4
Nov.	123.2	423.0	145.6	460.3	124.0	222.0	332.4	371.7	2,202.1
1983: Feb.	109.7	416.1	142.4	453.7	136.6	221.9	325.5	372.0	2,177.8
May	116.6	412.5	137.3	450.5	127.7	225.4	329.6	376.7	2,176.2

(a) Aged 15 and over. (b) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services. (c) Comprises Forestry, Fishing and Hunting, Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Recreation, Personal, and Other Services. (d) From September 1979, classification is according to the 1978 Edition of ASIC (see paragraph 7 of Explanatory Notes). (e) Figures from February 1981 are not comparable with those shown for previous periods due to a review of public sector activities which resulted in changes to the ASIC classification of some employees from Construction to Other Industries.

TABLE 6. EMPLOYED PERSONS (a) CLASSIFIED BY OCCUPATION, N.S.W.
('000)

Month	Profess- ional, technical, etc.	Adminis- trative, executive, manager- ial, and clerical	Sales	Farmers, fishermen, timber- getters, miners, etc.	Transport and commun- ication	product- ion - process workers, labour- ers, n.e.c.	Tradesmen,	Service, sport, and recrea- tion	Total
MALES									
1979: May	163.8	239.9	99.0	118.4	96.2	560.8	87.2		1,365.4
1980: May	168.3	238.2	94.3	124.8	106.0	602.1	77.3		1,411.1
1981: May	169.4	238.9	90.2	123.0	102.2	629.9	75.5		1,429.0
1982: Feb.	182.0	243.4	88.3	117.2	108.1	627.4	72.3		1,438.7
May	182.0	243.8	90.5	123.6	107.4	606.3	77.2		1,430.9
Aug.	191.5	243.4	83.6	112.9	100.3	601.3	77.7		1,410.7
Nov.	168.2	255.2	100.8	120.2	102.2	571.3	77.1		1,395.2
1983: Feb.	181.7	245.0	88.6	116.0	100.1	565.9	80.5		1,377.7
May	177.7	242.6	90.2	123.1	98.5	554.3	81.8		1,368.2
FEMALES									
1979: May	126.3	266.3	104.5	18.3	19.1	81.2	119.9		735.6
1980: May	137.1	302.6	110.7	22.3	17.3	82.3	126.3		798.6
1981: May	130.3	316.0	102.9	30.2	18.1	88.8	114.0		800.3
1982: Feb.	135.4	321.8	98.3	24.2	19.2	81.3	123.9		804.0
May	144.0	308.7	107.4	26.3	19.1	83.9	123.2		812.7
Aug.	141.7	312.0	105.4	26.3	19.9	78.0	120.4		803.7
Nov.	138.8	306.7	111.7	33.5	15.3	70.4	130.5		806.9
1983: Feb.	135.2	319.4	113.6	28.6	14.1	64.6	124.6		800.1
May	135.9	328.9	107.9	26.4	15.1	72.9	121.0		808.0
PERSONS									
1979: May	290.1	506.2	203.5	136.6	115.3	642.1	207.1		2,101.0
1980: May	305.4	540.8	205.0	147.1	123.4	684.4	203.6		2,209.7
1981: May	299.7	554.9	193.0	153.2	120.3	718.7	189.4		2,229.2
1982: Feb.	317.4	565.2	186.6	141.4	127.3	708.7	196.2		2,242.7
May	326.0	552.5	197.9	149.9	126.6	690.3	200.3		2,243.5
Aug.	333.2	555.4	189.0	139.2	120.2	679.3	198.2		2,214.4
Nov.	307.0	561.9	212.6	153.8	117.5	641.7	207.6		2,202.1
1983: Feb.	316.9	564.4	202.2	144.6	114.2	630.5	205.0		2,177.8
May	313.6	571.5	198.1	149.5	113.6	627.1	202.7		2,176.2

(a) Aged 15 and over.

TABLE 7. EMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY DIVISION AND SUBDIVISION, N.S.W.
MAY 1983

('000)

Industry division and subdivision	Males	Females	Persons
Agriculture, forestry, fishing and hunting -	96.7	28.1	124.9
Agriculture and services to agriculture	89.8	26.7	116.6
Forestry and logging	*	*	4.9
Fishing and hunting	*	*	*
Mining -	31.0	*	32.1
Metallic minerals	*	*	*
Coal	24.5	*	25.2
Oil and gas	*	*	*
Other mining	*	*	*
Manufacturing -	305.3	107.1	412.5
Food, beverages and tobacco	40.3	16.5	56.7
Textiles	*	*	7.2
Knitting mills, clothing and footwear	5.1	17.4	22.5
Wood, wood products and furniture	21.5	4.8	26.3
Paper, paper products, printing and publishing	31.5	14.7	46.1
Chemical, petroleum and coal products	18.4	9.5	27.9
Non-metallic mineral products	17.2	*	21.5
Basic metal products	41.9	*	45.7
Fabricated metal products	34.4	7.0	41.4
Transport equipment	25.2	*	28.5
Other machinery and equipment	44.4	14.4	58.8
Miscellaneous manufacturing	21.6	8.3	29.9
Electricity, gas and water	48.2	5.1	53.2
Construction -	120.8	16.5	137.3
General construction	50.7	6.8	57.6
Special trade construction	70.0	9.7	79.7
Wholesale and retail trade -	255.2	195.3	450.5
Wholesale trade	100.7	41.4	142.1
Retail trade	154.5	153.9	308.4
Transport and storage -	106.4	21.3	127.7
Road transport	50.6	7.5	58.1
Railway transport	29.7	*	31.8
Water transport	7.3	*	8.0
Air transport	13.8	*	17.3
Other transport and storage	5.1	7.4	12.5
Communication	34.0	13.2	47.2
Finance, property and business services -	118.2	107.3	225.4
Finance and investment	32.0	38.3	70.3
Insurance and services to insurance	15.8	15.9	31.7
Property and business services	70.4	53.0	123.4
Public administration and defence	65.7	27.3	93.0

TABLE 7. EMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY DIVISION AND SUBDIVISION, N.S.W.
MAY 1983 (continued)

('000)

Industry division and subdivision	Males	Females	Persons
Community services -	121.7	207.8	329.6
Health	36.7	108.6	145.3
Education, museum and library services	42.9	68.3	111.2
Welfare and religious institutions	12.7	20.4	33.1
Other community services	29.5	10.5	39.9
Recreation, personal and other services -	64.9	77.9	142.8
Entertainment and recreational services	21.1	13.9	34.9
Restaurants, hotels and clubs	36.1	43.5	79.7
Personal services	7.5	17.5	25.0
Private households employing staff	*	*	*
Total	1,368.2	808.0	2,176.2

(a) Aged 15 years and over.

TABLE 8. EMPLOYED PERSONS (a) CLASSIFIED BY MAJOR AND MINOR OCCUPATION GROUPS, N.S.W., MAY 1983

('000)

Occupation group	Males	Females	Persons
Professional, technical, and related workers -	177.7	135.9	313.6
Architects, engineers and surveyors, professional (b)	26.2	*	26.4
Chemists, physicists, geologists, and other physical scientists	*	*	*
Biologists, veterinarians, agronomists, and related scientists	*	*	*
Medical practitioners and dentists	12.7	*	15.0
Nurses, including probationers or trainees	*	43.3	47.0
Professional medical workers n.e.c.	*	6.6	10.5
Teachers	32.3	44.0	76.3
Clergy and related members of religious orders	*	*	*
Law professionals	7.7	*	8.8
Artists, entertainers, writers, and related workers	12.2	10.3	22.5
Draftsmen and technicians, n.e.c. (b)	28.6	11.3	39.9
Other professional, technical, and related workers	43.4	15.5	58.9
Administrative, executive, and managerial workers -	136.2	19.4	155.5
Administrative and executive officials, government, n.e.c.	*	*	*
Employers, workers on own account, directors, managers, n.e.c.	132.8	19.4	152.2

For footnotes see page 16.

TABLE 8. EMPLOYED PERSONS (a) CLASSIFIED BY MAJOR AND MINOR OCCUPATION GROUPS, N.S.W.,
MAY 1983 (continued)

('000)

Occupation group	Males	Females	Persons
Clerical workers -	106.5	309.5	416.0
Book-keepers and cashiers	12.5	49.6	62.2
Stenographers and typists	*	89.2	89.7
Other clerical workers	93.5	170.7	264.1
Sales workers -	90.2	107.9	198.1
Insurance, real estate salesmen, auctioneers, and valuers	13.4	*	15.6
Commercial travellers and manufacturers agents	21.9	*	25.8
Proprietors and shopkeepers, workers on own account, n.e.c., retail and wholesale trade; salesmen, shop assistants, and related workers	54.9	101.8	156.7
Farmers, fishermen, timber-getters, etc. -	107.3	26.4	133.6
Farmers and farm managers	60.1	19.2	79.3
Farm workers including farm foremen	41.2	6.2	47.4
Wool classers	*	*	*
Hunters and trappers	*	*	*
Fishermen and related workers	*	*	*
Timber-getters and other forestry workers	*	*	*
Miners, quarrymen, and related workers -	15.9	*	15.9
Miners, mineral prospectors, and quarrymen	15.4	*	15.4
Well drillers, oil, water, and related workers	*	*	*
Mineral treaters	*	*	*
Transport and communication -	98.5	15.2	113.6
Deck and engineer officers, ship, not services	*	*	*
Deck and engine room hands, ship and boatmen, not services	*	*	*
Aircraft pilots, navigators and flight engineers, not services	*	*	*
Drivers and firemen, rail transport	5.7	*	5.7
Drivers, road transport	69.6	*	74.0
Guards and conductors, railway	*	*	*
Inspectors, supervisors, traffic controllers, and despatchers, transport	5.4	*	6.1
Telephone, telegraph, and related telecommunication operators	*	6.9	9.4
Postmasters, postmen, and messengers	7.8	*	10.7
Workers in transport and communication, n.e.c.	*	*	*
Tradesmen, production-process workers, and			
Labourers, n.e.c. -	554.3	72.9	627.1
Spinners, weavers, knitters, dyers, and related workers	*	*	*
Tailors, cutters, furriers, and related workers	8.0	18.8	26.8
Leather cutters, tasters, sewers (except gloves and garments), and related workers	*	*	*
Furnacemen, rollers, drawers, moulders, and related metal making and treating workers	6.9	*	7.5
Precision instrument makers, watchmakers, jewellers, and related workers	7.7	*	7.9
Machine toolmakers, metal machinists, mechanics, plumbers, and related metal workers	153.7	*	156.4

For footnotes, see page 16.

TABLE 8. EMPLOYED PERSONS (a) CLASSIFIED BY MAJOR AND MINOR OCCUPATION GROUPS, N.S.W.,
MAY 1983 (continued)

('000)

Occupation group	Males	Females	Persons
Tradesmen, production - process workers, and Labourers, n.e.c. (continued) -			
Electricians and related electrical and electronic workers	63.6	*	64.7
Metal workers, metal and electrical production-process workers, n.e.c.	20.5	5.9	26.4
Carpenters, woodworking machinists, cabinetmakers, and related workers	33.3	*	34.2
Painters and decorators	18.7	*	18.7
Bricklayers, plasterers, and construction workers, n.e.c.	46.4	*	46.4
Compositors, printing machinists, engravers, book- binders, and related workers	12.0	*	16.1
Potters, kilnmen, glass and clay formers, and related workers	*	*	4.9
Millers, bakers, butchers, brewers, and related food and drink workers	23.8	4.8	28.6
Chemical, sugar, and paper production-process workers	5.0	*	6.5
Tobacco preparers and tobacco product makers	*	*	*
Paper products, rubber, plastic, and production- process workers, n.e.c.	14.6	9.4	24.0
Packers, wrappers, labellers	5.6	9.6	15.2
Stationary engine, excavating, and lifting equipment operators	27.4	*	27.4
Storemen and freight handlers	36.5	5.2	41.7
Labourers, n.e.c.	63.4	*	66.5
Apprentices, factory workers, foremen, machinists, (so described), n.e.c.	(c)	(c)	(c)
Service, sport, and recreation workers -	81.8	121.0	202.7
Fire brigade, police, and other protective service workers	20.7	*	21.6
Housekeepers, cooks, maids, and related workers	20.9	51.9	72.8
Waiters, bartenders	9.5	19.6	29.1
Caretakers, cleaners : buildings	16.7	19.4	36.1
Barbers, hairdressers, and beauticians	*	10.6	12.6
Launderers, dry cleaners, and pressers	*	*	*
Athletes, sportsmen, and related workers	*	*	*
Photographers and camera operators	*	*	*
Undertakers and crematorium	*	*	*
Service, sport, recreation workers, n.e.c.	7.0	14.5	21.5
Total	1,368.2	808.0	2,176.2

(a) Aged 15 and over. (b) In the 1971 and 1976 Censuses the minor occupation group 'architects, engineers and surveyors, professional' was limited solely to persons holding a university degree. Other persons describing themselves in professional terms but not holding a degree were classified to minor group 'Draftsmen and technicians, n.e.c.'. Information to enable this distinction to be made in the labour force survey is not available. (c) Apprentices are coded to the trade in which they are apprenticed. Other employees in these categories are allocated to minor groups in the major group 'Tradesmen, production-process workers and labourers, n.e.c.' according to industry.

TABLE 9. EMPLOYED PERSONS (a) CLASSIFIED BY FULL-TIME AND PART-TIME STATUS, N.S.W.
('000)

Month	Full-time			Part-time			Total employed		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
1979: May	1,291.0	492.8	1,783.7	74.5	242.8	317.3	1,365.4	735.6	2,101.0
1980: May	1,343.9	546.2	1,890.1	67.3	252.4	319.6	1,411.1	798.6	2,209.7
1981: May	1,347.1	532.1	1,879.3	81.8	268.1	349.9	1,429.0	800.3	2,229.2
1982: Apr.	1,349.6	539.6	1,889.2	79.5	271.9	351.4	1,429.1	811.5	2,240.7
May	1,357.7	550.9	1,908.6	73.1	261.8	335.0	1,430.9	812.7	2,243.5
1983: Feb.	1,301.2	528.1	1,829.3	76.5	272.0	348.5	1,377.7	800.1	2,177.8
Mar.	1,280.6	539.1	1,819.7	92.1	273.3	365.3	1,372.7	812.4	2,185.0
Apr.	1,277.9	540.3	1,818.2	90.1	262.3	352.4	1,368.0	802.6	2,170.6
May	1,274.0	542.8	1,816.8	94.2	265.2	359.4	1,368.2	808.0	2,176.2

(a) Aged 15 and over.

TABLE 10. UNEMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY(b) OF LAST FULL-TIME JOB, N.S.W.
('000)

Category	February 1982	May 1982	August 1982	November 1982	February 1983	May 1983
Had worked for two weeks or more in a full-time job in the last two years	94.6	95.5	100.0	138.8	169.3	171.5
Industry division -						
Agriculture and services to agriculture	*	*	4.5	6.0	8.5	6.8
Manufacturing	25.0	24.4	32.6	38.6	47.8	53.3
Construction	11.4	13.4	13.2	19.7	23.2	23.7
Wholesale and retail trade	21.8	19.7	21.0	29.8	37.4	37.9
Transport and storage	*	*	*	5.6	5.9	8.7
Finance, property, and business services	7.5	6.4	*	8.2	9.8	10.2
Community services (c)	8.6	10.3	5.2	9.7	13.4	8.6
Other industries (d)	12.8	13.6	15.6	21.3	23.3	22.4
Other -						
Looking for first job (e)	30.4	23.0	19.1	25.0	50.7	37.6
Other (f)	34.0	27.3	31.8	43.4	54.6	54.1
Stood down	*	*	*	*	*	*
Total	162.1	148.9	153.9	209.5	278.4	266.4

(a) Aged 15 and over. (b) Classification is according to the 1978 Edition of ASIC (see paragraph 7 of Explanatory Notes). (c) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services. (d) Comprises Forestry, Fishing and Hunting, Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Recreation, Personal, and Other Services. (e) Persons who had never worked for two weeks or more in a full-time job. (f) Persons who had not worked full-time for two weeks or more during the last two years but who had at some time in the past.

TABLE 11. UNEMPLOYED PERSONS (a)

Month	Age group (years)					
	15-19		20-24		25-34	
	Number ('000)	Unemployment rate (b) (per cent)	Number ('000)	Unemployment rate (b) (per cent)	Number ('000)	Unemployment rate (b) (per cent)
MALES						
1979: May	21.8	15.8	18.6	9.9	16.7	4.4
1980: May	19.8	13.5	14.9	7.6	17.9	4.7
1981: May	15.3	10.2	13.7	7.0	13.2	3.4
1982: April	19.5	13.5	19.2	9.4	18.4	4.7
May	24.3	16.5	21.3	10.4	18.6	4.7
1983: February	40.8	27.8	38.6	18.2	41.1	10.3
March	34.9	24.7	39.5	18.9	40.1	10.0
April	31.3	23.4	37.7	18.1	40.0	10.0
May	32.4	23.5	41.5	19.6	35.7	9.0
FEMALES						
1979: May	26.5	21.9	12.2	8.8	11.4	5.8
1980: May	24.0	19.4	13.9	9.3	11.9	5.6
1981: May	15.5	12.7	12.3	8.4	14.7	6.9
1982: April	21.2	18.0	12.1	7.8	15.3	7.0
May	22.3	19.2	12.4	8.0	12.7	5.8
1983: February	37.8	30.5	24.6	15.3	24.1	10.3
March	35.3	28.9	19.7	12.7	24.1	10.2
April	30.5	25.5	18.8	11.9	21.3	9.3
May	30.4	24.7	19.3	12.0	23.7	10.4
PERSONS						
1979: May	48.3	18.6	30.8	9.4	28.1	4.8
1980: May	43.8	16.2	28.8	8.3	29.9	5.0
1981: May	30.8	11.3	26.0	7.6	27.9	4.6
1982: April	40.7	15.5	31.2	8.7	33.6	5.5
May	46.6	17.7	33.7	9.4	31.3	5.1
1983: February	78.6	29.0	63.2	17.0	65.2	10.3
March	70.3	26.6	59.2	16.2	64.2	10.1
April	61.9	24.4	56.6	15.4	61.3	9.8
May	62.8	24.1	60.8	16.3	59.4	9.5

(a) Aged 15 and over. (b) The number of unemployed in each group as a percentage of the total labour force in the same group.

CLASSIFIED BY AGE GROUP, N.S.W.

Age group (years)						Total	
35-44		45-54		55 and over			
Number ('000)	Unemployment rate (b) (per cent)	Number ('000)	Unemployment rate (b) (per cent)	Number ('000)	Unemployment rate (b) (per cent)	Number ('000)	Unemployment rate (b) (per cent)
MALES							
8.0	2.7	6.7	2.7	6.1	3.3	77.9	5.4
9.4	3.1	6.6	2.5	4.6	2.4	73.3	4.9
7.0	2.2	5.8	2.3	4.6	2.5	59.6	4.0
11.2	3.4	5.3	2.1	5.9	3.2	79.4	5.3
9.8	3.0	5.7	2.2	4.7	2.6	84.4	5.6
20.8	6.0	13.3	5.3	9.0	5.0	163.6	10.6
23.4	6.8	17.4	6.8	12.0	6.4	167.4	10.9
23.5	6.8	17.1	6.6	12.7	7.1	162.4	10.6
25.2	7.3	16.3	6.3	11.4	6.5	162.6	10.6
FEMALES							
7.8	4.7	*	*	*	*	62.1	7.8
6.2	3.4	*	*	*	*	61.8	7.2
9.5	5.2	*	*	*	*	56.4	6.6
10.1	5.3	5.7	4.3	*	*	65.6	7.5
10.5	5.5	6.0	4.5	*	*	64.5	7.4
17.8	8.8	8.2	6.3	*	*	114.8	12.5
21.5	10.1	9.1	6.8	*	*	112.1	12.1
15.1	7.6	9.0	6.8	*	*	96.7	10.8
19.1	9.4	8.3	6.2	*	*	103.8	11.4
PERSONS							
15.8	3.4	10.0	2.7	7.0	2.9	140.1	6.2
15.6	3.2	10.7	2.8	6.4	2.5	135.1	5.8
16.4	3.3	9.2	2.4	5.8	2.3	116.0	4.9
21.2	4.1	11.0	2.9	7.2	2.9	145.0	6.1
20.3	3.9	11.7	3.0	5.4	2.2	148.9	6.2
38.6	7.1	21.5	5.6	11.2	4.5	278.4	11.3
44.9	8.0	26.5	6.8	14.5	5.7	279.5	11.3
38.6	7.1	26.1	6.7	14.7	6.7	259.1	10.7
44.3	8.1	24.5	6.3	14.6	6.0	266.4	10.9

TABLE 12. UNEMPLOYED PERSONS (A) CLASSIFIED BY DURATION OF UNEMPLOYMENT (B), N.S.W.

Month	Unemployed persons ('000) classified by duration of unemployment (weeks)								Total unemployment ('000)	Average duration of unemployment (weeks)
	Under 2	2 and under 4	4 and under 8	8 and under 13	13 and under 26	26 and under 39	39 and over			
MALES										
1979: May	5.0	6.3	10.2	10.6	13.6	9.6	22.6	77.9	33.7	
1980: May	5.8	7.1	11.7	12.7	13.0	5.5	17.4	73.3	31.7	
1981: May	6.3	6.5	6.7	7.1	11.2	6.9	15.1	59.6	39.3	
1982: Apr.	6.2	11.8	10.6	8.6	15.2	6.9	20.0	70.4	35.2	
May	7.7	8.4	11.8	9.8	20.9	7.2	18.7	84.4	33.4	
1983: Feb.	7.6	9.8	21.8	28.5	30.4	22.3	43.2	163.6	34.1	
Mar.	6.1	11.0	20.7	21.5	38.5	21.7	47.8	167.4	35.5	
Apr.	5.0	9.0	14.2	14.3	45.0	22.2	52.7	162.4	39.0	
May	*	13.9	14.0	15.9	35.8	25.6	53.5	162.6	38.9	
FEMALES										
1979: May	6.0	4.8	9.1	5.1	14.8	6.5	15.9	62.1	32.7	
1980: May	5.3	8.1	7.4	5.7	15.2	6.0	14.1	61.8	31.0	
1981: May	5.8	7.1	10.1	7.2	9.9	4.6	11.6	56.4	30.6	
1982: Apr.	5.8	8.7	10.9	7.2	14.3	5.2	13.6	65.6	31.2	
May	6.5	7.6	12.4	7.3	12.7	5.8	12.2	64.5	29.0	
1983: Feb.	8.0	9.7	18.4	22.6	15.6	11.5	28.9	114.8	33.3	
Mar.	9.3	11.2	14.5	16.2	24.1	10.2	26.6	112.1	32.5	
Apr.	7.0	9.2	11.4	12.2	22.1	8.8	25.9	96.7	37.6	
May	7.2	6.9	9.5	12.5	25.0	12.5	30.3	103.8	39.3	
PERSONS										
1979: May	11.0	11.0	19.3	15.7	28.5	16.2	38.4	140.1	33.3	
1980: May	11.1	15.3	19.1	18.4	28.2	11.5	31.5	135.1	31.4	
1981: May	12.0	13.6	16.8	14.3	21.1	11.5	26.7	116.0	35.1	
1982: Apr.	12.0	20.5	21.5	15.8	29.5	12.1	33.5	145.0	35.4	
May	14.2	16.0	24.2	17.1	33.6	13.0	30.8	148.9	31.5	
1983: Feb.	15.6	19.5	40.3	51.1	46.0	33.8	72.1	278.4	33.8	
Mar.	15.4	22.2	35.2	37.7	62.6	31.9	74.3	279.5	34.3	
Apr.	12.0	18.1	25.6	26.5	67.1	31.0	78.6	259.1	38.5	
May	11.2	20.8	23.4	28.4	60.7	38.1	83.8	266.4	39.0	

(a) Aged 15 and over. (b) Period from the time the person began looking for work, or was laid off, to the end of the survey week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration of unemployment.

TABLE 13. UNEMPLOYED PERSONS (a) CLASSIFIED BY OCCUPATION OF LAST FULL-TIME JOB, N.S.W.

('000)

Category	February 1982	May 1982	August 1982	November 1982	February 1983	May 1983
Had worked for two weeks or more in a full-time job in the last two years	94.6	95.5	100.0	138.8	169.3	171.5
Occupation group -						
Professional, technical, etc.	6.5	6.2	7.0	9.1	12.8	8.8
Administrative, executive, managerial, and clerical	12.3	14.5	11.6	18.5	19.8	23.0
Sales	12.6	11.0	8.8	11.0	15.4	14.4
Farmers, fishermen, timber getters, miners, etc.	4.5	5.4	7.6	8.9	11.5	8.7
Transport and communication	*	*	6.4	6.3	8.6	9.2
Tradesmen, production-process workers, labourers, n.e.c.	42.8	42.6	50.8	67.6	81.4	89.1
Service, sport, and recreation	11.5	11.6	7.9	17.4	19.9	18.2
Other -						
Looking for first job (b)	30.4	23.0	19.1	25.0	50.7	37.6
Other (c)	34.0	27.3	31.8	43.4	54.6	54.1
Stood down	*	*	*	*	*	*
Total	162.1	148.9	153.9	209.5	278.4	266.4

(a) Aged 15 and over. (b) Persons who had never worked for two weeks or more in a full-time job. (c) Persons who had not worked full-time for two weeks or more during the last two years but who had at some time in the past.

TECHNICAL NOTEEstimation Procedure

1. The labour force estimates are derived from the Population Survey by use of a complex ratio estimation procedure. This procedure ensures that the Survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Reliability of the Estimates

2. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. The sampling error is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed. Since the estimates in this bulletin are based on information obtained from occupants of a sample of dwellings, the estimates and the movements derived from them are subject to sampling variability; that is, they may differ from the figures that would have been obtained if all dwellings had been included in the Survey. One measure of the likely difference is given by the standard error which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included and about nineteen chances in twenty that the difference will be less than two standard errors. The standard error can also be expressed as a percentage of the estimate, and this is known as the relative standard error.

3. A table of standard errors of estimates derived from the survey and of monthly quarterly and annual movements since February 1978, is given below. Details of standard errors for estimates and of annual movements prior to February 1978 are contained in the bulletin The Labour Force, Australia, 1978 (6204.0). The standard errors of quarterly movements for periods prior to February 1978 were published in the Technical Note in the November 1977 issue of this bulletin.

4. Standard errors of estimates can be determined from columns 1, 2 and 3 in the table below, as follows:-

If the estimate obtained from the sample is 100,000 (see Column (1)) the standard error is 3.9 per cent of the estimate, i.e. 3,900 - and there are about two chances in three that the true figure is within the range 96,100 to 103,900 and about nineteen chances in twenty that this figure is between 92,200 and 107,800. As the standard errors in Column (3) show, the smaller the estimate, the higher is the per cent standard error.

5. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than on the size of the movement. Standard errors of monthly movements (except September/October 1982) are given in Column 5 of the table below. The standard error of the monthly movement is read against the larger of the two estimates appearing in column 1 from which the movement is derived. An example of the use of column 5 is as follows:-

If the estimates for two successive months are 480,000 and 500,000 (i.e. an increase of 20,000), this Column shows that the standard error of the monthly movement will be 5,100 (the figure shown in the Column against 500,000 in Column 1). That is, there are about two chances in three that the monthly movement lies between 14,900 and 25,100 and about nineteen chances in twenty that it lies between 9,800 and 30,200.

As mentioned in Section 6 of the Explanatory Notes, a completely new sample of dwellings was introduced in October 1982. Between September and October 1982, therefore, there was not the usual high proportion of dwellings common to each of two consecutive surveys and the standard errors of movements between these months and quarterly movements spanning this period, are higher than normal. Standard errors applying to movements

between September and October 1982 are given in Column 4 of the table. Standard errors of all quarterly and annual movements are explained in the footnote.

6. The standard errors of estimates relating to agricultural employment are generally somewhat higher than the standard errors of other estimates of the same magnitude. Estimates for females also tend to have higher standard errors than estimates of equivalent size for males in similar employment categories. The standard errors for Sydney Statistical Division are approximately the same as for New South Wales as a whole.

7. The reliability of an estimated percentage or rate, computed by using sample data for both numerator and denominator, depends upon both the size of the numerator and the size of the denominator. However, the relative standard error of the estimated percentage or rate will generally be slightly lower

than the relative standard error of the estimate of the numerator. The relative standard errors of the numerator can be obtained from Column (3) in the table below.

8. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents, errors made in collection such as in recording and coding of data, and errors made in processing the data. Inaccuracies of this kind are referred to as non-sampling errors - and they may occur in any enumeration, whether it be a full count or only a sample. Every effort is made to reduce non-sampling errors to a minimum by careful design of questionnaires, intensive training and supervision of interviewers, and efficient operating procedures.

9. Estimates below 4,500 have been excluded from this bulletin because they are subject to sampling variability too high for most practical purposes.

STANDARD ERRORS OF ESTIMATES AND MOVEMENTS (a)

Size of estimate	Standard error of			
	Estimate		Monthly movements	
Persons (1)	Persons (2)	Per cent of estimate (3)	September/October 1982 (4)	Other months (5)
4,500	1,000	22.2	1,500	1,000
5,000	1,100	22.0	1,500	1,100
6,000	1,200	20.0	1,700	1,200
10,000	1,500	15.0	2,100	1,400
20,000	2,000	10.0	2,900	1,800
50,000	3,000	6.0	4,200	2,500
100,000	3,900	3.9	5,500	3,200
200,000	5,000	2.5	7,100	3,900
300,000	5,800	1.9	8,200	4,400
500,000	6,900	1.4	9,700	5,100
1,000,000	8,500	0.9	12,000	6,100
2,000,000	10,000	0.5	15,000	7,200

(a) The standard error of the movement is read against the size of the larger of the two estimates, appearing in Column 1, from which the movement is derived. The Standard errors of quarterly movements spanning September/October 1982, and of all annual movements, are the same as those shown in Column 4. Standard errors on quarterly movements not spanning September/October 1982 are those shown in Column 5 multiplied by 1.4.